

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A manufacturing method of a liquid crystal display device, comprising:

forming an alignment layer over a first substrate;

performing a rubbing on the alignment layer in a rubbing direction;

forming a seal material layer that surrounds a pixel area provided on [[a]] the
first substrate by ink-jet;

discharging a plurality of droplets containing a liquid crystal by ink-jet only on a
region of the first substrate, the region being surrounded by the seal material layer;

pasting the first substrate and a second substrate; and

dividing the pasted first and second substrates,

wherein the plurality of droplets containing the liquid crystal are discharged
under reduced pressure by ink-jet from a plurality of nozzles which relatively move to
the rubbing direction.

2. (Currently Amended) A manufacturing method of a liquid crystal display device, comprising:

forming an alignment layer over a first substrate;

performing a rubbing on the alignment layer in a rubbing direction;

forming a first seal material layer that surrounds a pixel area provided on [[a]]
the first substrate by ink-jet;

forming a second seal material layer on a second substrate by ink-jet;

forming a liquid crystal layer by selectively discharging a plurality of droplets
containing a liquid crystal by ink-jet only on a region of the first substrate, the region
being surrounded by the first seal material layer;

pasting the first substrate and the second substrate; and

dividing the pasted first and second substrates,

wherein the plurality of droplets containing the liquid crystal are discharged

under reduced pressure by ink-jet from a plurality of nozzles which relatively move to the rubbing direction.

3. (Withdrawn) A manufacturing method of a liquid crystal display device, comprising:

forming a first seal material layer that surrounds a pixel area provided on a first substrate;

forming a second seal material layer on a second substrate;

forming a first liquid crystal layer by selectively discharging a plurality of droplets containing a liquid crystal only on a first region of the first substrate, the first region being surrounded by the first seal material layer;

forming a second liquid crystal layer by selectively discharging a plurality of droplets containing a liquid crystal only on a second region of the second substrate, the second region being surrounded by the second seal material layer; and

pasting the first substrate and second substrate so that the first and second liquid crystal layers contact and overlap one another.

4. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 1, wherein the plurality of droplets is discharged over a pixel electrode provided on the pixel area from a plurality of nozzles.

5. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 2, wherein the plurality of droplets is discharged over a pixel electrode provided on the pixel area from a plurality of nozzles.

6. (Withdrawn) A manufacturing method of a liquid crystal display device according to claim 3, wherein the plurality of droplets is discharged over a pixel electrode provided on the pixel area from a plurality of nozzles.

7. (Original) A manufacturing method of a liquid crystal display device according to claim 1, wherein the step of discharging the plurality of droplets containing the liquid crystal is carried out while the first substrate is heated.

8. (Original) A manufacturing method of a liquid crystal display device according to claim 2, wherein the step of discharging the plurality of droplets containing the liquid crystal is carried out while the first substrate is heated.

9. (Withdrawn) A manufacturing method of a liquid crystal display device according to claim 3, wherein the step of discharging the plurality of droplets containing the liquid crystal is carried out while the first substrate is heated.

10. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 1, wherein the steps of pasting the first and second the substrates is carried out in an inert atmosphere under an atmospheric pressure, or under reduced pressure.

11. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 2, wherein the steps of pasting the first and second the substrates is carried out in an inert atmosphere under an atmospheric pressure, or under reduced pressure.

12. (Withdrawn) A manufacturing method of a liquid crystal display device according to claim 3, wherein the steps of pasting the first and second the substrates is carried out in an inert atmosphere under an atmospheric pressure, or under reduced pressure.

13. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 1, wherein the plurality of droplets containing the liquid crystal are discharged over a pixel electrode under reduced pressure.

14. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 2, wherein the plurality of droplets containing the liquid crystal are discharged over a pixel electrode under reduced pressure.

15. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 1, wherein the step of discharging the plurality of the droplets containing the liquid crystal is preformed in an inert atmosphere under 1×10^2 Pa to 2×10^4 Pa.

16. (Original) A manufacturing method of a liquid crystal display device according to claim 2, wherein the step of discharging the plurality of the droplets containing the liquid crystal is preformed in an inert atmosphere under 1×10^2 Pa to 2×10^4 Pa.

17. (Withdrawn) A manufacturing method of a liquid crystal display device according to claim 3, wherein the step of discharging the plurality of the droplets containing the liquid crystal is preformed in an inert atmosphere under 1×10^2 Pa to 2×10^4 Pa.

18. (Original) A manufacturing method of a liquid crystal display device according to claim 1, wherein the step of discharging the plurality of the droplets containing the liquid crystal is preformed in a vacuum at 1 Pa to 5×10^4 Pa .

19. (Original) A manufacturing method of a liquid crystal display device according to claim 2, wherein the step of discharging the plurality of the droplets containing the liquid crystal is preformed in a vacuum at 1 Pa to 5×10^4 Pa .

20. (Withdrawn) A manufacturing method of a liquid crystal display device according to claim 3, wherein the step of discharging the plurality of the droplets containing the liquid crystal is preformed in a vacuum at 1 Pa to 5×10^4 Pa .

21. (Original) A manufacturing method of a liquid crystal display device according to claim 1, wherein the liquid crystal is applied intermittently.

22. (Original) A manufacturing method of a liquid crystal display device according to claim 2, wherein the liquid crystal is applied intermittently.

23. (Withdrawn) A manufacturing method of a liquid crystal display device according to claim 3, wherein the liquid crystal is applied intermittently.

24. (Original) A manufacturing method of a liquid crystal display device according to claim 1, wherein the liquid crystal is applied continuously.

25. (Original) A manufacturing method of a liquid crystal display device according to claim 2, wherein the liquid crystal is applied continuously.

26. (Withdrawn) A manufacturing method of a liquid crystal display device according to claim 3, wherein the liquid crystal is applied continuously.

27. (Original) A manufacturing method of a liquid crystal display device according to claim 1, wherein the liquid crystal display device is an active matrix type.

28. (Original) A manufacturing method of a liquid crystal display device according to claim 2, wherein the liquid crystal display device is an active matrix type.

29. (Withdrawn) A manufacturing method of a liquid crystal display device according to claim 3, wherein the liquid crystal display device is an active matrix type.

30. (Original) A manufacturing method of a liquid crystal display device according to claim 1, wherein the liquid crystal display device is a passive matrix type.

31. (Original) A manufacturing method of a liquid crystal display device according to claim 2, wherein the liquid crystal display device is a passive matrix type.

32. (Withdrawn) A manufacturing method of a liquid crystal display device according to claim 3, wherein the liquid crystal display device is a passive matrix type.

33.-34. (Canceled)

35. (Withdrawn) A manufacturing method of a liquid crystal display device according to claim 3, wherein the step of discharging the plurality of droplets containing the liquid crystal is carried out by ink jet.

36.-38. (Canceled)

39. (Original) A method according to claim 1, wherein the liquid crystal display device is incorporated with an electronic device selected from the group consisting of a personal computer, a mobile computer, a CD player, a DVD player, a portable book and a display device.

40. (Original) A method according to claim 2, wherein the liquid crystal display device is incorporated with an electronic device selected from the group consisting of a personal computer, a mobile computer, a CD player, a DVD player, a portable book and a display device.

41. (Withdrawn) A method according to claim 3, wherein the liquid crystal display device is incorporated with an electronic device selected from the group consisting of a personal computer, a mobile computer, a CD player, a DVD player, a portable book and a display device.

42. (Canceled)

43. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 1, wherein the first substrate is formed from a plastic substrate and the second substrate is formed from a plastic substrate.

44. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 1, wherein a column spacer formed of resin is formed between the first substrate and the second substrate.

45. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 2, wherein the first substrate is formed from a plastic substrate and the second substrate is formed from a plastic substrate.

46. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 2, wherein a column spacer formed of resin is formed between the first substrate and the second substrate.

47.-48. (Canceled)

49. (Currently Amended) A manufacturing method of a liquid crystal display device, comprising:

forming an alignment layer over a first substrate;

performing a rubbing on the alignment layer in a rubbing direction;

forming a seal material layer that surrounds a pixel area provided on [[a]] the first substrate by ink-jet;

discharging a plurality of droplets containing a liquid crystal by ink-jet only on a region of the first substrate, the region being surrounded by the seal material layer;

pasting the first substrate and a second substrate under reduced pressure; and

dividing the pasted first and second substrates,

wherein the plurality of droplets containing the liquid crystal are discharged by ink-jet from a plurality of nozzles which relatively move to the rubbing direction.

50. (Currently Amended) A manufacturing method of a liquid crystal display device, comprising:

forming an alignment layer over a first substrate;

performing a rubbing on the alignment layer in a rubbing direction;

forming a first seal material layer that surrounds a pixel area provided on [[a]] the first substrate by ink-jet;

forming a second seal material layer on a second substrate by ink-jet;

forming a liquid crystal layer by selectively discharging a plurality of droplets containing a liquid crystal by ink-jet only on a region of the first substrate, the region being surrounded by the first seal material layer;

pasting the first substrate and the second substrate under reduced pressure; and

dividing the pasted first and second substrates,

wherein the plurality of droplets containing the liquid crystal are discharged by

ink-jet from a plurality of nozzles which relatively move to the rubbing direction.

51. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 49, wherein the step of discharging the plurality of droplets containing the liquid crystal is carried out while the first substrate is heated.

52. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 50, wherein the step of discharging the plurality of droplets containing the liquid crystal is carried out while the first substrate is heated.

53.-54. (Canceled)

55. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 49, wherein the plurality of droplets containing the liquid crystal are discharged over a pixel electrode under reduced pressure.

56. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 50, wherein the plurality of droplets containing the liquid crystal are discharged over a pixel electrode under reduced pressure.

57. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 49, wherein the liquid crystal is applied intermittently.

58. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 50, wherein the liquid crystal is applied intermittently.

59. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 49, wherein the liquid crystal is applied continuously.

60. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 50, wherein the liquid crystal is applied continuously.

61. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 49, wherein the liquid crystal display device is an active matrix type.

62. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 50, wherein the liquid crystal display device is an active matrix type.

63. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 49, wherein the liquid crystal display device is a passive matrix type.

64. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 50, wherein the liquid crystal display device is a passive matrix type.

65.-66. (Canceled)

67. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 49, wherein the plurality of droplets containing the liquid crystal are discharged on the region under reduced pressure.

68. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 50, wherein the plurality of droplets containing the liquid crystal are discharged on the region under reduced pressure.

69. (Currently Amended) A manufacturing method of a liquid crystal display device, comprising:

forming a seal material layer that surrounds a pixel area provided on a first substrate by ink-jet;

forming an alignment layer over the first substrate by ink-jet;

performing a rubbing on the alignment layer in a rubbing direction;

discharging a plurality of droplets containing a liquid crystal by ink-jet over a region of the first substrate, the region being surrounded by the seal material layer;

pasting the first substrate and a second substrate under reduced pressure; and

dividing the pasted first and second substrates,

wherein the plurality of droplets containing the liquid crystal are discharged from a plurality of nozzles which relatively move to the rubbing direction.

70. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 69, wherein the step of discharging the plurality of droplets containing the liquid crystal is carried out while the first substrate is heated.

71. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 69, wherein the plurality of droplets containing the liquid crystal are discharged over a pixel electrode under reduced pressure.

72. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 69, wherein the liquid crystal display device is an active matrix type.

73. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 69, wherein the liquid crystal display device is a passive matrix type.

74. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 69, wherein the plurality of droplets containing the liquid crystal are discharged on the region under reduced pressure.

75. (Previously Presented) A manufacturing method of a liquid crystal display device according to claim 69, wherein the plurality of nozzles move to a direction of rubbing of the alignment layer.